

Converting Colors

XYZ(38.7612, 38.3741, 65.0385)

Have a look what the booklet for
XYZ(38.7612, 38.3741, 65.0385)
contains.

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Color

**XYZ(38.7612, 38.3741,
65.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA4D0
RGB	158, 164, 208
RGB Percent	62%, 64%, 82%
CMY	0.3804, 0.3568, 0.1843
CMYK	0.24, 0.21, 0.00, 0.18
HSL	233°, 35%, 72%
HSV	233°, 24%, 82%
XYZ	38.7612, 38.3741, 65.0385
YIQ	167.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

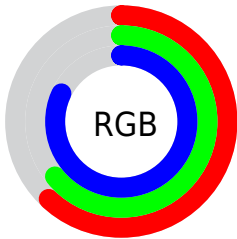
Format	Color
RYB	158, 163, 208
Decimal	10396880
CIELab	68.30, 7.44, -23.10
CIElCh	68, 24.268, 287.861
Yxy	38.3741, 0.2726, 0.2699
Android (android.graphics.Color)	4288586960 (0xFF9EA4D0)
YUV	167.2220, 20.1036, -8.0877
Hunter-Lab	61.9468, 3.2836, -18.8863

Details

The XYZ color **38.7612, 38.3741, 65.0385** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.3050, 58.1199, 40.7577**, and the grayscale version is **36.7510, 38.6649, 42.1061**.

A 20% lighter version of the original color is **70.8221, 72.0292, 104.7780**, and **17.4878, 16.9524, 32.4874** is the 20% darker color. If you saturate the color by 10%, you get **31.9677, 30.3550, 63.8493**, and if you desaturate by 10%, it is **46.7210, 47.6962, 66.4190**.

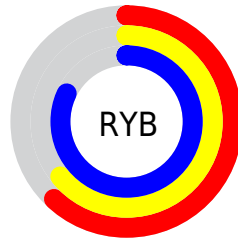
Distribution



Red (62%)

Green (64%)

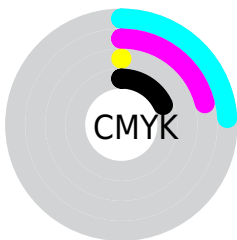
Blue (82%)



Red (62%)

Yellow (64%)

Blue (82%)

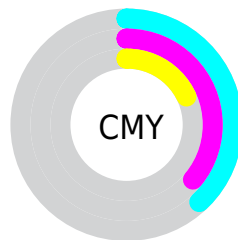


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7612, 38.3741, 65.0385 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.7612, 38.3741, 65.0385 by changing the saturation by 10% instead.

■ 38.7612, 38.3741,
65.0385

■ 38.7612, 38.3741,
65.0385

332.0988,
339.2220, 461.2403

■ 26.7539, 26.2732,
47.0408

■ 72.5698, 72.6812,
113.7190

■ 17.5241, 17.0281,
32.7133

■ 95.1018, 95.6561,
145.2389

■ 10.7065, 10.2545,
21.6376

121.8727,
123.0245, 182.1032

■ 5.9357, 5.5680,
13.3951

153.2479,
155.1707, 224.7305

■ 2.8463, 2.5843,
7.5672

189.5928,
192.4792, 273.5393

■ 1.0730, 0.9188,
3.7355

231.2726,

■ 0.0023, 0.0000,

235.3343, 328.9482

1.4814

278.6529,
284.1205, 391.3757

■ 0.0000, 0.0000,
0.2040

■ 0.0000, 0.0000,
0.0000

■ 38.7612, 38.3741,
65.0385

■ 38.7612, 38.3741,
65.0385

■ 31.9677, 30.3550,
63.8493

■ 46.7210, 47.6962,
66.4190

■ 26.2820, 23.5760,
62.8406

■ 55.8948, 58.3709,
67.9959

■ 21.6459, 17.9764,
62.0041

■ 66.3318, 70.4511,
69.7775

■ 17.9946, 13.4881,
61.3302

■ 78.0776, 83.9853,
71.7708

■ 15.2556, 10.0362,
60.8083

■ 88.3853, 97.3341,
73.8041

■ 13.3466, 7.5361,
60.4263

■ 12.1698, 5.8896,
60.1705

■ 11.7322, 5.2479,
60.0697

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.9581, 38.3741, 65.7676



38.7612, 38.3741, 65.0385



42.1655, 38.3741, 57.4578

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.7612, 38.3741, 65.0385



41.5998, 38.3741, 28.1049



29.7849, 38.3741, 37.5343

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.7612, 38.3741, 65.0385



53.3050, 58.1199, 40.7577

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.3181, 38.3741, 29.2544



38.7612, 38.3741, 65.0385



38.0319, 38.3741, 24.4790

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.7612, 38.3741, 65.0385



43.8811, 38.3741, 35.6864



34.2775, 38.3741, 24.8596



29.9502, 38.3741, 48.5368

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.7612, 38.3741, 65.0385



43.6704, 38.3741, 50.1774



34.2775, 38.3741, 24.8596



30.1141, 38.3741, 34.3811

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.7624, 38.3756, 65.0394



83.9773, 87.1547, 107.0042



47.2392, 56.6144, 63.9028



17.7803, 18.4288, 22.8699



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.7624, 38.3756, 65.0394



55.5151, 53.8445, 102.0748



41.5930, 38.2780, 64.8713



11.2764, 11.6430, 14.8966



7.3496, 3.3457, 37.4509



0.4499, 0.2650, 2.1070

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.9412, 40.5451, 40.5809



67.0602, 58.0425, 56.3414



49.8803, 58.4854, 41.0088



11.8656, 11.8310, 12.5683



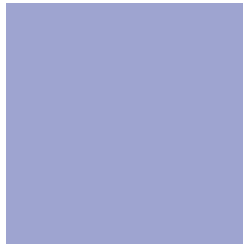
16.3405, 8.4090, 1.4330



0.9333, 0.4780, 0.1837

Previews

White Background



This preview shows how the XYZ color 38.7612, 38.3741, 65.0385 looks on a white background.

Color Contrast Check

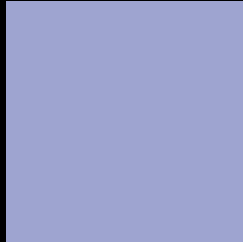
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.7612, 38.3741, 65.0385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

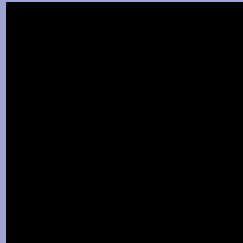
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7612, 38.3741, 65.0385

Background



This preview shows how black text looks on a background with the XYZ color 38.7612, 38.3741, 65.0385.



This preview shows how white text looks on a background with the XYZ color 38.7612, 38.3741,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.7612, 38.3741, 65.0385

Protanopia

38.5506, 38.5323, 65.0801

Deuteranopia

39.1803, 38.3255, 65.0070



Tritanopia

35.7683, 38.5256, 49.8070

Trichromacy



Original Color

38.7612, 38.3741, 65.0385

Protanomaly

38.7449, 38.6324, 65.0892

Deuteranomaly

38.9796, 38.2220, 64.9977

Tritanomaly

36.7403, 38.3676, 54.7595

Monochromacy



Original Color

38.7612, 38.3741, 65.0385

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3896, 38.5423, 49.7247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7612, 38.3741, 65.0385 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 164, 208)` looks like.

```
.text, #text, p{  
    color:rgb(158, 164, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 164, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 164, 208) }
```

Border

The CSS property to change the border of an element to XYZ 38.7612, 38.3741, 65.0385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

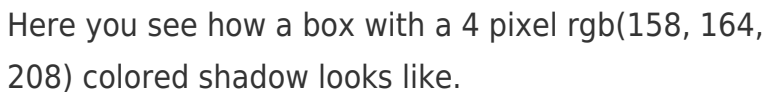
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 164, 208) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 164, 208) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(158, 164, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 164, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 164, 208);  
box-shadow:4px 4px 4px 4px rgb(158, 164,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7612, 38.3741, 65.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 164, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
164, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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